POINTS OF MERIT.

1. Sweeter and mellow quality of tone.
2. Great sustaining power.
3. Powerful in tone.
4. Easy action.
5. Clear tones in high positions.
6. Loud harmonics
7. Impossible for bridge to tip.
8. Pressure of bridge on head greatly increased.
9. May be used on Banjeaurine.
10. No screws or clamps necessary to attach it.
11. May be used with any other attachment.
12. It is not conspicuous.
13. Easily attached.
14. Built on absolutely different principle.
15. Great for plectrum player.
16. Has no rival.

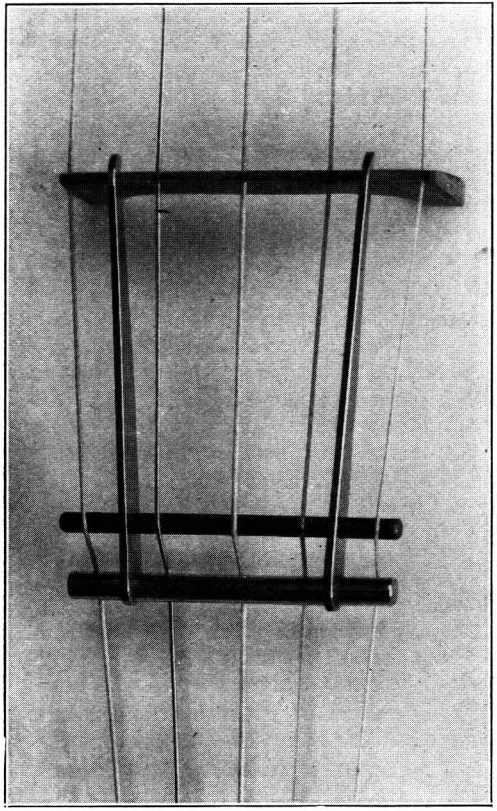
Guaranteed to improve the tone and action of any Banjo if these directions are correctly followed.

Money refunded if not as represented

LONNIE B. HAYES

The Vibrator

PATENT APPLIED FOR



MADE BY

LONNIE B. HAYES

1017 WINDSOR STREET CINCINNATI, O.

2535 PARK AVE.

HOW TO ATTACH THE VIBRATOR.

1. Slacken all strings very loose.

2. Place the Vibrator on top of strings, so that the concave ends of the two flat arms will rest on top of bridge between the 1-2 and 4-5 strings. See cut.

3. Lift up on strings so that the black pin can be inserted through the two holes in arms, UNDER ALL STRINGS. This is very important, See cut.

4. Tighten strings just enough to support the bridge and Vibrator.

5. Set bridge in correct place with top leaning about one-eighth of an inch back. (It will straighten when tuned to pitch). Slide Vibrator by placing thumb and finger on opposite ends of the black pin and shaft. Divide Strings evenly where they pass between the pin and shaft to correspond with cut.

6. Tune to concert pitch.

CORRECT WAY TO PICK.

Curve fingers and extend thumb, let the thumb pick about one inch beyond the first finger. Force strings slightly down and across. Don't get under them and pull up. Don't let little finger press too hard on head.

Best tone will be produced by picking three inches or more away from the bridge.

A good leather pick will give an excellent tone, if not played too near the bridge.

The quality of tone will show a second improvement after being in use several hours.

IMPORTANT.

It is essential that your banjo be in perfect condition before attaching the Vibrator, and a good tone can not be expected with old strings, slack head, etc.

The Head should be of the very best quality and not too old. Always keep the head stretched very tight, so as to feel firm under pressure of fingers.

The Strings should be gut or composition, and NEVER STEEL; they are worthless. Use the complete set of the same brand, Don't substitute.

The Bridge. Most any good bridge may be used, but not under one half inch high. The notches in the bridge should be small, so that the strings will fit them very snug. Set the bridge exactly the same distance from the 12th fret as that fret is from the nut. Should this raise pitch in high positions, then move the bridge a trifle back, or if pitch is low, then move forward. Experimenting will tell exactly where bridge should set. Now mark the head (use pencil) so that bridge can be reset in exactly the same position while attaching the Vibrator.